

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

8449-041

SERIAL NO.

09/090,754

APPLICANT

Pramod K. Srivastava

FILING DATE

June 4, 1998

GROUP

1642

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SP	AA	5,188,964	02/23/93	McGuire et al.			
	AB	5,232,833	08/03/93	Sanders et al.			
↓	AC	5,348,945	09/20/94	Berberian et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
SP	AD	WO 89/12455	12/28/89	PCT			
	AE	WO 90/02564	03/22/90	PCT			
	AF	WO 91/15572	10/17/91	PCT			
	AG	WO 92/01717	02/06/92	PCT			
	AH	WO 92/08484	05/29/92	PCT			
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	AK	WO 93/17712	09/16/93	PCT			
	AL	WO 93/18146	09/16/93	PCT			
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	AN	WO 93/18150	09/16/93	PCT			
	AO	WO 93/21529	10/28/93	PCT			
	AP	WO 93/24136	12/09/93	PCT			
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SP	AV	Aldovini et al. (1992) "The New Vaccines", <i>Technology Review</i> pp. 24-31.
SP	AW	Barrios et al. (1992) "Mycobacterial heat-shock proteins as carrier molecules. II: The use of the 70-kDa mycobacterial heat-shock protein as carrier for conjugated vaccines that can circumvent the need for adjuvants and Bacillus Calmette Guérin priming", <i>Eur. J. Immunol.</i> 22:1365-1372.

AX	Basombrio (1970) "Search for common antigenicities among twenty-five sarcomas induced by methylcholanthrene", <i>The Institute for Cancer Research</i> 30:2458-2462.
AY	Blachere et al. (1993) "Heat Shock Protein Vaccines Against Cancer," <i>Journal of Immunotherapy</i> 14:352-356.
AZ	Blachere and Srivastava (1993) "Immunization with GP96 heat shock proteins isolated from tumors or influenza virus infected cells elicits MHC-restricted, antigen-specific cytotoxic T lymphocytes against the corresponding cells", <i>J. Cellular Biochem. Keystone Symposia</i> NZ502, p. 124.
BA	Boon "Toward a genetic analysis of tumor rejection antigens", <i>Advances in Cancer Research</i> 58:177-210.
BB	Cohen (1993) "Cancer Vaccines Get A Shot In The Arm", <i>Science</i> 262:841-843.
BC	Craig (1993) "Chaperones: Helpers Along the Pathways to Protein Folding", <i>Science</i> 260:1902-1904.
BD	Elliott et al. (1990) "Naturally Processed Peptides", <i>Nature</i> 348:195-197.
BE	Falk et al. (1991) "Allele-specific Motifs Revealed by Sequencing of Self-peptides Eluted from MHC Molecules", <i>Nature</i> 351:290-296.
BF	Falk et al. (1990) "Cellular Peptide Composition Governed by Major Histocompatibility Complex Class I Molecules", <i>Nature</i> 348:248-251.
BG	(June 13, 1996) Fedweg and Srivastava "Evidence for biochemical heterogeneity of gp96 heat shock protein/tumor rejection antigen", Mount Sinai School of Medicine NZ 206, p. 108.
BH	Flynn et al. (1989) "Peptide binding and release by proteins implicated as catalysts of protein assembly", <i>Science</i> 245:385-390.
BI	Flynn et al. (1991) "Peptide-binding Specificity of the Molecular Chaperone BiP", <i>Nature</i> 353:726-730.
BJ	Franklin (1993) "Making vaccines fit the cancer", <i>New Scientist</i> 140:17.
BK	Gething et al. (1992) "Protein Folding in the Cell", <i>Nature</i> 355:33-45.
BL	Globerson and Feldman (1964) "Antigenic specificity of benzo[a]pyrene-induced sarcomas", <i>Journal of the National Cancer Institute</i> 32(6):1229-1242.
BM	Jakob et al. (1993) "Small Heat Shock Proteins Are Molecular Chaperones", <i>J. Biol. Chem.</i> 268:1517-1520.
BN	Jardetzky et al. (1991) "Identification of Self Peptides Bound to Purified HLA-B27", <i>Nature</i> 353:326-329.
BO	Lakey et al (1987) "Identification of a peptide binding protein that plays a role in antigen presentation", <i>Proc. Natl. Acad. Sci. USA</i> 84:1659-1663.
BP	Lanzavecchia (1993) "Identifying Strategies for Immune Intervention", <i>Science</i> 260:937-944.
BQ	Lévy (1991) "ATP is Required for In Vitro Assembly of MHC Class I Antigens but Not for Transfer of Peptides across the ER Membrane", <i>Cell</i> 67:265-274.
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BS	Lindquist and Craig (1988) "The heat-shock proteins", <i>Ann. Rev. Genet.</i> 22:631-677.
BT	Luescher et al. (1991) "Specific Binding of Antigenic Peptides to Cell-associated MHC Clas I Molecules", <i>Nature</i> 351:72-77.
BU	Lukacs et al. (1993) "Tumor cells transfected with a bacterial heat-shock gene lose tumorigenicity and induce protection against tumors", <i>J. Exp. Med.</i> 178:343-348.
BV	Lussow et al. (1991) "Mycobacterial heat-shock proteins as carrier molecules", <i>Eur. J. Immunol.</i> 21:2297-2302.

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<i>SJ</i>	BW	Madden et al. (1991) "The Structure of HLA-B27 Reveals Nonamer Self-peptides Bound in an Extended Conformation", <i>Nature</i> 353:321-325.
	BX	Maki et al. (1993) "Mapping of the Genes for Human Endoplasmic Reticular Heat Shock Protein gp96/grp94", <i>Somatic Cell Mol. Genetics</i> 19(1):73-81.
	BY	Maki et al. (1990) "Human homologue of murine tumor rejection antigen gp96: 5'-Regulatory and coding regions and relationship to stress-induced proteins", <i>Proc. Natl. Acad. Sci. USA</i> 87:5658-5663.
	BZ	McCall et al. (1989) "Biotherapy: A New Dimension in Cancer Treatment", <i>Biotechnology</i> 7:231-240.
	CA	Melnick (1985) "Virus Vaccines: An Overview", Proceedings of the First Annual Southwest Foundation for Biomedical Research International Symposium, Houston, Texas, 8-10 November 1984, <i>American Society for Microbiology</i> pp. 1-13.
	CB	Nelson et al. (1992) "The Translation Machinery and 70 kd Heat Shock Protein Cooperate in Protein Synthesis", <i>Cell</i> 71:97-105.
	CC	Palladino et al. (1987) "Expression of shared tumor-specific antigen by two chemically induced BALB/c sarcomas", <i>Cancer Research</i> 47:5074-5079.
	CD	Prehn and Main (1957) "Immunity to methylcholanthrene-induced sarcomas", <i>Journal of the National Cancer Institute</i> 18(6):769-778.
	CE	Rothman (1989) "Polypeptide Chain Binding Proteins: Catalysts of Protein Folding and Related Processes in Cells", <i>Cell</i> 59:591-601.
	CF	Rötzschke et al. (1990) "Isolation and Analysis of Naturally Processed Viral Peptides as Recognized by Cytotoxic T cells", <i>Nature</i> 348:248-251.
	CG	Salk et al. (1993) "A Strategy for Prophylactic Vaccination Against HIV", <i>Science</i> 260:1270-1272.
	CH	Schumacher et al. (1991) "Peptide Selection by MHC Class I Molecules", <i>Nature</i> 350:703-706.
	CI	Srivastava et al. (1991) "Protein Tumor Antigens", <i>Curr. Opin. Immunol.</i> 3:654-658.
	CJ	Srivastava et al. (1984) "The Serologically Unique Cell Surface Antigen of Zajdela Ascitic Hepatoma is also its Tumor-Associated Transplantation Antigen", <i>Int. J. Cancer</i> 33:417-422.
	CK	Srivastava et al. (1989) "Identification of a Human Homologue of the Murine Tumor Rejection Antigen GP96," <i>Cancer Res.</i> 49:1341-1343.
	CL	Srivastava et al. (1988) "Individually Distinct Transplantation Antigens of Chemically Induced Mouse", <i>Immunology Today</i> 9:78-83.
	CM	Srivastava et al. (1988) "Chromosomal Assignment of the Gene Encoding the Mouse Tumor Rejection Antigen gp96", <i>Immunogenetics</i> 28:205-207.
	CN	Srivastava et al. (1987) "5'-Structural analysis of genes encoding polymorphic antigens of chemically induced tumors", <i>Proc. Natl. Acad. Sci. USA</i> 84:3807-3811.
	CO	Srivastava et al. (1993) "Peptide-Binding Heat Shock Proteins in the Endoplasmic Reticulum: Role in Immune Response to Cancer and in Antigen Presentation", <i>Advances in Cancer Research</i> 62:153-177.
	CP	Srivastava and Maki (1991) "Stress-induced proteins in immune response cancer", <i>Microbiol. Immunol.</i> 167:109-123.
	CQ	Srivastava and Heike (1986) "Tumor-specific immunogenicity of stress-induced proteins: Convergence of two evolutionary pathways of antigen presentation?", <i>Seminars in Immunology</i> 3:57-64.
	CR	Srivastava et al. (1986) "Tumor rejection antigens of chemically induced sarcomas of inbred mice", <i>Proc. Natl. Acad. Sci. USA</i> 83:3407-3411.
<i>V</i>	CS	Subbarao et al. (1992) "A General Overview of Viral Vaccine Development," <i>Genetically Engineered Vaccines</i> 327:51-57.

	CT	Szikora et al. (1990) "Structure of the gene of tum-transplantation antigen P35B presence of a point mutation in the antigenic allele", <i>EMBO J.</i> 9(4):1041-1050.
	CU	Udono (1993) "Heat shock proteins HSP70, HSP90 and GP96 elicit tumor specific immunity to the tumors from which they are isolated", <i>J. Cell. Biochem. Suppl.</i> 17D:113 (Abstract NZ225).
	CV	Udono et al. (1993) "Heat Shock Protein 70-associated Peptides Elicit Specific Cancer Immunity", <i>J. Exp. Med.</i> 178:1391-1396.
	CW	Ullrich et al. (1986) "A mouse tumor-specific transplantation antigen is a heat shock-related protein", <i>Proc. Natl. Acad. Sci. USA</i> 83:3121-3125.
	CX	Vanbuskirk et al. (1989) "peptide binding protein having a role in antigen presentation is a member of the hsp70 heat shock family", <i>J. Exp. Med.</i> 170:1799-1809.
	CY	Welch et al. (1982), "Purification of the Major Mammalian Heat Shock Proteins", <i>J. Biol. Chem.</i> 257:14949-14959.
	CZ	Welch et al. (1985) "Rapid Purification of Mammalian 70,000-Dalton Stress Proteins: Affinity of the Proteins for Nucleotides", <i>Mol. Cell. Biol.</i> 5:1229-1237.
	DA	Welch (1993) "How Cells Respond to Stress", <i>Scientific American</i> pp. 56-64.
	DB	Young (1990) "Stress Proteins and Immunology", <i>Annu. Rev. Immunol.</i> 8:401-420.
	DC	Yu et al. (1991) "Sequence Analysis of Peptides Bound to MHC Class II Molecules", <i>Nature</i> 353:622-627.

EXAMINER		DATE CONSIDERED	9/15/99
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO.	SERIAL NO.
		8449-041-999	09/090,754
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		Pramod K. SRIVASTAVA	
FILING DATE		GROUP	
June 4, 1998		1642	

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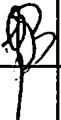
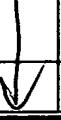
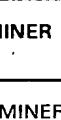
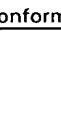
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>LG</i>	DD	4,690,915	9/1/87	Rosenberg			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

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<i>LG</i>	DE	Blachere et al., 1993, "Immunization with GP96 heat shock proteins isolated from tumors or influenza virus infected cells elicits MHC-restricted, antigen-specific cytotoxic T lymphocytes against the corresponding cells/antigens", <i>J. Cell Biochem. Suppl.</i> 17D :124 (Abstract NZ 502).
	DF	Levinson et al., 1979 "Metal Binding Drugs Induce Synthesis of Four Proteins in Normal Cells", <i>Biol. Trace Element Research</i> 1 :15-23.
	DG	Martin et al., 1986, "Role of Murine Tumor Models in Cancer Treatment Research", <i>Cancer Res.</i> 46 : 2189-2192.
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	DI	Nieland et al., 1996, "Isolation of an immunodominant viral peptide that is endogenously bound to the stress protein GP96/GRP94", <i>Proc. Natl. Acad. Sci. USA</i> 93 : 6135-6139.
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	DP	Estes et al., 1993, "Characterization of an unusual cell type (CD4 ⁺ CD3 ⁻) expanded by helminth infection and related to the parasite stress response", <i>J. of Immunol.</i> 150 :1846-1856.
	DQ	C. Ezzel, 1995, "Cancer 'Vaccines': An idea whose time has come?", <i>J. NIH Res.</i> 7 :46-49.
	DR	Jindal & Young, 1992, "Vaccinia virus infection induces a stress response that leads to association of Hsp70 with viral proteins", <i>J. of Virol.</i> 66 :5357-5362.
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<i>V</i>	DT	Luft et al., 1991, "Immunologic and structural characterization of the dominant 66- to 73-kDa antigens of <i>Borrelia burgdorferi</i> ", <i>J. of Immunol.</i> 146 :2776-2782.

	DU	Srivastava et al., 1994, "Heat shock proteins transfer peptides during antigen processing and CTL priming", <i>Immunogenetics</i> 39 :93-98.
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	DY	International Search Report, Related PCT Application No. PCT/US96/14557

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		FILING DATE June 4, 1998	GROUP 1642

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							YES	NO
	DZ	DE 196 02 985 A1	07/31/97	Germany			X	
	EA	WO 97/26910	07/31/97	PCT			X	
	EB	WO 97/06821	02/27/97	PCT				
	EC	WO 97/06828	02/27/97	PCT				
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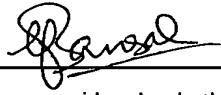
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					June 4, 1998	1642	

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							YES NO
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	FI	Written Opinion dated July 1, 1997, Related PCT Application No. PCT/US96/14557					
	FJ	Sadis and Hightower, 1992, "Unfolded proteins stimulate molecular chaperone Hsc70 ATPase by accelerating ADP/ATP exchange", <i>Biochemistry</i> 31:9406-9412.					
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